

Title (en)
SHEET FINISHER

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Application
EP 89112864 A 19890713

Priority
• JP 17388488 A 19880714
• JP 17388588 A 19880714
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Abstract (en)
[origin: EP0350926A2] The sheet finisher includes a predetermined folding mode for receiving a sheet from a copy machine and which features plurality of transfer guides (104,110) through which the sheet received from the copy machine are selectively transferred; switching flappers (122) for switching the flow of the sheet between guides (104,110), a temporary holding guide (106) in which the leading end portion of sheet can be temporarily inserted; a sheet folding arrangement including press roller pairs (130,132) for folding the sheet; a sheet discharge angle control device which varies the angle at which the sheet are discharged onto an upper tray (18) in accordance with the folding mode that is being used; a tray shift mechanism (300) for moving the tray left and right so as to stack the sheets which are discharged thereonto in a classifying manner; a friction roller for moving a predetermined corner of each of the sheets into a preselected corner of the tray (18); a fastening device for fastening the sheets which have been maneuvered into the preselected corner by the friction roller; a tray rise mechanism for changing the distance between the upper surface of the tray (18) and the level at which the sheets are discharged; an escape mechanism which drops processed stacks of sheets from the upper tray (18) into a lower one (20); and a tray angle varying mechanism for changing the angle of the lower tray (20) when the stacks are dropped theretowards.

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B65H 45/142 (2013.01 - EP US); **B65H 2405/351** (2013.01 - EP US)

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